

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-7. (Cancelled)

8. (Currently Amended) A method comprising:

receiving an Activate Packet Data Protocol (PDP) Context Request message at a Serving General Packet Radio System (GPRS) Support Node (SGSN) of a network from a mobile station of the network, the Activate PDP Context Request message having an APN field containing information that explicitly indicates requesting either ~~one of~~ a private network address ~~and~~ or a public network address to be assigned to the mobile station; and

sending an Activate PDP Context Accept message to the mobile station containing information assigning one of a private network address and a public network address to the mobile station based on the information contained in the APN field of the Activate PDP Context Request message.

9. (Currently Amended) The method according to claim 8, further comprising:

sending a Create PDP Context Request message from the SGSN to a Gateway General Packet Radio System (GPRS) Support Node (GGSN) of the network, the Create PDP Context Request message having an APN field containing information relating to a request for either ~~one of~~ a private network address ~~and~~ or a public network address for the mobile station; and

receiving a Create PDP Context Response message from the GGSN containing information assigning either ~~one of~~ a private network address ~~and~~ or a public network address to the mobile station based on the information contained in the APN field of the Activate PDP Context Request message.

10. (Currently Amended) The method according to claim 9, further comprising:

receiving the Create PDP Context Request message from the SGSN at the GGSN;

assigning either ~~one of~~ a private network address ~~and~~ or a public network address to the mobile station based on the information contained in the APN field of the Create PDP Context Request message and

sending the Create PDP Context Response message from the GGSN to the SGSN containing the information assigning ~~one of~~ either a private network address ~~and~~ or a public network address to the mobile station based on the information contained in the APN field of the Create PDP Context Request message.

11. (Currently Amended) The method according to claim 8, further comprising:

sending a Create PDP Context Request message from the SGSN to a Border Gateway (BG) of the network, the Create PDP Context Request message having an APN field containing information relating to a request for ~~one of~~ either a private network address ~~and~~ or a public network address for the mobile station; and

receiving a Create PDP Context Response message at the SGSN from the BG containing information assigning ~~one of~~ either a private network address ~~and~~ or a public network address to the mobile station based on the information contained in the APN field of the Activate PDP Context Request message.

12. (Currently Amended) The method according to claim 11, further comprising:

receiving the Create PDP Context Request message at the BG;

assigning ~~one of~~ either a private network address ~~and~~ or a public network address to the mobile station based on the information contained in the APN field of the Create PDP Context Request message; and

sending the Create PDP Context Response message to the SGSN containing the information assigning ~~one of~~ either a private network address ~~and~~ or a public network address to the mobile station based on the information contained in the APN field of the Create PDP Context Request message.

13. (Previously Presented) The method according to claim 12, further comprising:

sending the Create PDP Context Request message from the SGSN to a Gateway General Packet Radio System (GPRS) Support Node (GGSN) of the network;

sending the Create PDP Context Request message from the GGSN to the BG;

receiving the Create PDP Context Response message at the GGSN from the BG; and

receiving the Create PDP Context Response message at the SGSN from the GGSN.

14. (Currently Amended) The method according to claim 8, further comprising receiving at the mobile station the Activate PDP Context Accept message containing the information relating to an assignment of ~~one of~~ either a private network address ~~and~~ or a public network address to the mobile station based on the information contained in the APN field of the Activate PDP Context Request message.

15. (Cancelled)

16. (Cancelled)

17. (Cancelled)

18. (Cancelled)

19. (Cancelled)

20-27. (Cancelled)

28. (Currently Amended) A method comprising:

receiving a Create Packet Data Protocol (PDP) Context Request message from a Serving General Packet Radio System (GPRS) Support Node (SGSN) at a Gateway General Packet Radio System (GPRS) Support Node (GGSN), the Create PDP Context Request Message having an APN field containing information that explicitly indicates requesting ~~one of either~~ a private network address ~~and or~~ a public network address to be assigned to a mobile station of the network;

assigning ~~one of either~~ a private network address ~~and or~~ a public network address to the mobile station based on the information contained in the APN field of the Create PDP Context Request message; and

sending the Create PDP Context Response message from the GGSN to the SGSN containing the information assigning ~~one of either~~ a private network address ~~and or~~ a public network address to the mobile station based on the information contained in the APN field of the Create PDP Context Request message.

29. (Cancelled)

30. (Cancelled)

31. (Currently Amended) A method comprising:

receiving a Create Packet Data Protocol (PDP) Context Request message from a Serving General Packet Radio System (GPRS) Support Node (SGSN) at a Border Gateway (BG), the Create PDP Context Request Message having an APN field containing information that explicitly indicates requesting ~~one of~~ either a private network address ~~and~~ or a public network address to be assigned to a mobile station of a network;

assigning ~~one of~~ either a private network address ~~and~~ or a public network address to the mobile station based on the information contained in the APN field of the Create PDP Context Request message and

sending the Create PDP Context Response message from the BG to the SGSN containing the information assigning ~~one of~~ either a private network address ~~and~~ or a public network address to the mobile station based on the information contained in the APN field of the Create PDP Context Request message.

32. (Currently Amended) A method comprising:

sending an Activate Packet Data Protocol (PDP) Context Request message to a Serving General Packet Radio System (GPRS) Support Node (SGSN) of a network from a mobile station of the network, the Activate PDP Context Request message having an APN field containing information containing information that explicitly indicates requesting ~~one of~~ either a private network address ~~and~~ or a public network address to be assigned to the mobile station; and

receiving at the mobile station an Activate PDP Context Accept message containing information relating to an assignment of ~~one of~~ either a private network address ~~and~~ or a public network address to the mobile station based on the information contained in the APN field of the Activate PDP Context Request message.

33. (Cancelled)

34. (Cancelled)

35. (Original) The method according to claim 32, wherein the private network address and the public network address are each one of an IPv4 network address and an IPv6 network address.

36. (Previously Presented) The method according to claim 32, wherein the network is a GPRS communications network.

37. (Previously Presented) The method according to claim 32, wherein the network is a Universal Mobile Telecommunications System.

38. (Cancelled)

39. (Currently Amended) The method according to claim 8, wherein in the receiving and sending, the information comprises one or more parameters that explicitly indicates requesting ~~one of either~~ a private network address ~~and or~~ a public network address to be assigned to the mobile station.

40. (Currently Amended) An apparatus ~~computer server~~ comprising a processor and a memory storing instructions that, when executed, the apparatus is configured to:

receive an Activate Packet Data Protocol (PDP) Context Request message from a mobile station of a network, the Activate PDP Context Request message having an APN field containing information that explicitly indicates requesting ~~one of either~~ a private network address ~~and or~~ a public network address to be assigned to the mobile station; and

send an Activate PDP Context Accept message to the mobile station containing information assigning ~~one of either~~ a private network address ~~and or~~ a public network address to the mobile station based on the information contained in the APN field of the Activate PDP Context Request message.

41. (Currently Amended) The apparatus ~~computer-server~~ according to claim 40, wherein the instructions, when executed, the apparatus is further configured to:

send a Create PDP Context Request to a Gateway General Packet Radio System (GPRS) Support Node (GGSN) of the network, the Create PDP Context Request message having an APN field containing information relating to a request for ~~one of either~~ a private network address and or a public network address for the mobile station; and

receive a Create PDP Context Response message from the GGSN containing information assigning ~~one of either~~ a private network address and or a public network address to the mobile station based on the information contained in the APN field of the Activate PDP Context Request message.

42. (Currently Amended) The apparatus ~~computer-server~~ according to claim 40, wherein the instructions, when executed, the apparatus is further configured to:

send a Create Packet Data Protocol (PDP) Context Request message to a Border Gateway (BG) of a network, the Create PDP Context Request message having an APN field containing information relating to a request for ~~one of either~~ a private network address and or a public network address for the mobile station; and

receive a Create PDP Context Response message from the BG containing information assigning ~~one of either~~ a private network address and or a public network address to the mobile station based on the information contained in the APN field of the Activate PDP Context Request message.

43. (Currently Amended) The ~~computer-server~~ apparatus according to claim 40, wherein the private network address and the public network address are each one of an IPv4 network address and an IPv6 network address.

44. (Currently Amended) The apparatus ~~computer server~~ according to claim 40, wherein the network is a GPRS communications network.

45. (Currently Amended) The apparatus ~~computer server~~ according to claim 40, wherein the network is a Universal Mobile Telecommunications System.

46. (Currently Amended) The apparatus ~~computer server~~ according to claim 40, wherein the information comprises one or more parameters that explicitly indicates requesting ~~one of either~~ a private network address ~~and or~~ a public network address to be assigned to the mobile station.

47. (Currently Amended) An apparatus ~~computer server~~ comprising a processor and a memory storing instructions that, when executed, the apparatus is configured to:

receive a Create Packet Data Protocol (PDP) Context Request message from a Serving General Packet Radio System (GPRS) Support Node (SGSN), the Create PDP Context Request Message having an APN field containing information that explicitly indicates requesting ~~one of either~~ a private network address ~~and or~~ a public network address to be assigned to a mobile station of a network;

assign ~~one of either~~ a private network address ~~and or~~ a public network address to the mobile station based on the information contained in the APN field of the Create PDP Context Request message; and

send the Create PDP Context Response message to the SGSN containing the information assigning ~~one of either~~ a private network address ~~and or~~ a public network address to the mobile station based on the information contained in the APN field of the Create PDP Context Request message.

48. (Currently Amended) An apparatus ~~computer server~~ comprising a processor and a memory storing instructions that, when executed, the apparatus is configured to:

receive a Create PDP Context Request message from a Serving General Packet Radio System (GPRS) Support Node (SGSN) of a network, the Create PDP Context Request message having an APN field containing one or more parameters that explicitly indicates requesting ~~one of~~ either a private network address ~~and~~ or a public network address to be assigned to a mobile station of the network;

assign ~~one of~~ either a private network address ~~and~~ or a public network address to the mobile station based on the information contained in the APN field of the Create PDP Context Request message; and

send the Create PDP Context Response message to the SGSN containing the information assigning ~~one of~~ either a private network address ~~and~~ or a public network address to the mobile station based on the information contained in the APN field of the Create PDP Context Request message.

49. (Currently Amended) An apparatus ~~mobile station~~ comprising a processor and a memory storing instructions that, when executed, the apparatus is configured to:

send an Activate Packet Data Protocol (PDP) Context Request message to a Serving General Packet Radio System (GPRS) Support Node (SGSN) of a network, the Activate PDP Context Request message having an APN field containing information containing information that explicitly indicates requesting ~~one of~~ either a private network address ~~and~~ or a public network address to be assigned to the mobile station; and

receive an Activate PDP Context Accept message containing information relating to an assignment of ~~one of~~ either a private network address ~~and~~ or a public network address to the mobile station based on the information contained in the APN field of the Activate PDP Context Request message.

50. (Currently Amended) The apparatus ~~mobile station~~ according to claim 49, wherein the private network address and the public network address are each one of an IPv4 network address and an IPv6 network address.

51. (Currently Amended) A system comprising:

a Serving General Packet Radio System (GPRS) Support Node (SGSN) configured to send a Create Packet Data Protocol (PDP) Context Request to a Gateway General Packet Radio System (GPRS) Support Node (GGSN) of a network, the Create PDP Context Request message having an APN field containing one or more parameters that explicitly indicates requesting ~~one of~~ either a private network address ~~and~~ or a public network address to be assigned to a mobile station of the network;

a GGSN configured to send the Create PDP Context Request message to a Border Gateway (BG); and

a BG configured to send a Create PDP Context Response message to the GGSN,

the SGSN configured to receive the Create PDP Context Response from the GGSN.